NC/QC/DPD/2019-20/SS-C1 **Date: 03-04-2019**

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**172 min**	Shall not be less than 30 min
2	Final setting time	**285 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.91 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.89 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.56 N/Sq mm**	Shall not be less than 27 N/Sqmm

Page No. 1/1,

Asst. Executive Engineer
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BBMP, Bangalore

For Newzen Consultants Bangalo
Proprietor

NC/QC/DPD/2019-20/SS-PCC1 **Date: 03-04-2019**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**63.45**	0 -20	30- 70
10mm	**30.20**	0 -5	10- 35
4.75mm	**4.15**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**98.40**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**83.60**	60-95	75-100	85-100	
01.18	**75.25**	30-70	55-90	75-100	
600.mic	**53.10**	15-34	35-59	60-79	
300.mic	**20.35**	5-20	8-30	12-40	
150.mic	**6.75**	0-10	0-10	0-10	

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NC/QC/DPD/2019-20/SS-C2 Date: 11-04-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**168 min**	Shall not be less than 30 min
2	Final setting time	**275 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.09 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.85 mm**	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	**28.45 N/Sq mm**	Shall not be less than 27 N/Sqmm

Asst. Executive Engineer
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NC/QC/DPD/2019-20/SS-PCC2 **Date: 11-04-2019**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}

Ref.: Material testing/QC/19-20,

Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**65.10**	0 -20	30- 70
10mm	**23.90**	0 -5	10- 35
4.75mm	**3.45**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**96.75**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**86.40**	60-95	75-100	85-100	
01.18	**74.90**	30-70	55-90	75-100	
600.mic	**54.75**	15-34	35-59	60-79	
300.mic	**19.25**	5-20	8-30	12-40	
150.mic	**8.15**	0-10	0-10	0-10	

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Page No. 1/1,

Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

For Newzen Consultants Bangalore

Proprietor

NC/QC/DPD/2019-20/SS-C3 Date: 22-04-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**165 min**	Shall not be less than 30 min
2	Final setting time	**280 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.79 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.92 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**27.35 N/Sq mm**	Shall not be less than 27 N/Sqmm

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NC/QC/DPD/2019-20/SS-FA1 **Date: 22-04-2019**

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	**98.75**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**83.25**	60-95	75-100	85-100	
01.18	**74.90**	30-70	55-90	75-100	
600. mic	**54.80**	15.34	35-59	60-79	
300.mic	**24.10**	5-20	8-30	12-40	
150.mic	**6.95**	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	**Requirements** as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	**15.85 %**	-----
2	Silt Content	----	**0.63 %**	Not more than 8%
3	Specific Gravity	----	**2.61**	-------

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NC/QC/DPD/2019-20/SS-CA1 **Date: 22-04-2019**

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}

Ref.: Material testing/QC/19-20,

Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	**100.00**	100.00	100.00
20 mm	**98.15**	85-100	90 - 100
10 mm	**46.35**	0 - 20	25 - 55
4.75 mm	**7.60**	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	**21.85 %**	Not to exceed 25 %
2.	Crushing value	**24.36%**	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

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NC/QC/DPD/2019-20/SS-MS1 **Date: 08-05-2019**

1. TEST REPORT ON M.S PIPE (38 mm dia) :

Sub: Tests on Chain Link Fencing Materials.
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TEST

TABLE 1.1

Sl No	Details of Tests	Test Results for M.S Pipes	Remarks
		38 mm dia-medium.	
1	Bend or Flattening Test	**OK**	As per IS 2329-1985 (No fracture)
2	Percentage of elongation, %	**24.10**	As per IS 1894-1972 (Min. 20.0%)
3	Ultimate Tensile Strength, N/mm^2	**348.0 N/Sq mm**	As per IS 1894-1972 (Min. 320.0 N/Sq mm)

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NC/QC/DPD/2019-20/SS-CL1 **Date: 08-05-2019**

1. TEST REPORT ON CHAIN LINK FENCING WIRE:

Sub: Tests on Chain Link Fencing Materials.
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE – 1

Sl No	Details of Tests	Test Results	Remarks / Test method conforms to
1	Ultimate Tensile Strength	**536 N/ sqmm**	As per IS:1608-1995 400-550N/ sqmm
2	Wrapping test	**No breaking or splitting**	As per IS:1755-1983 & IS: 2721-2003 Sample shall not break or split
3	Bend/ Rebend Test	**No breaking or splitting**	As per IS: 2721-2003 Sample shall not break or split

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NC/QC/DPD/2019-20/SS-SS1 **Date: 08-05-2019**

1. TEST REPORT ON STRUCTURAL STEEL:

Sub: Testing of Structural Steel Members-M.S Angle.
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}

Ref.: Material testing/QC/19-20,

Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE – 1

		Specimen Size ISA-65X 65X 6 mm of 1.0 m length	
Sl No	**Details of Tests**	**Test Results**	**Min req as per IS:2062-1999 & Steel Table**
1	Proof stress/Yield stress, fy N/mm^2	**276N/Sq mm**	250 N/Sq mm
2	Bend/ Rebend Test	**Withstood**	Sample should with stand
3	Percentage of elongation, %	**25.40**	23.0
4	Ultimate Tensile Strength, N/mm^2	**432 N/Sq mm**	410 N/Sq mm

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NC/QC/DPD/2019-20/SS-CB1 **Date: 27-05-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-05-19	27-05-19	07	22500	430	19.11	**19.19**
	002	"	"	"	"	425	18.89	
	003	"	"	"	"	440	19.56	

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Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

Project Engineer
BBMP, Bangalore

NC/QC/DPD/2019-20/SS-CB2 **Date: 30-05-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-05-19	30-05-19	07	22500	425	18.89	**18.89**
	002	"	"	"	"	435	19.33	
	003	"	"	"	"	415	18.44	

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Page No. 1/1,

For Newzen Consultants Bangalore

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NC/QC/DPD/2019-20/SS-CB3 **Date: 18-06-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	11-06-19	18-06-19	07	22500	410	18.22	**19.04**
	002	"	"	"	"	430	19.11	
	003	"	"	"	"	445	19.78	

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Proprietor

NC/QC/DPD/2019-20/SS-CB4 **Date: 21-06-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	14-06-19	21-06-19	07	22500	425	18.89	**18.81**
	002	"	"	"	"	415	18.44	
	003	"	"	"	"	430	19.11	

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Page No. 1/1,

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NC/QC/DPD/2019-20/SS-CB5 Date: 24-06-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	17-06-19	24-06-19	07	22500	410	18.22	**18.15**
	002	"	"	"	"	400	17.78	
	003	"	"	"	"	415	18.44	

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Page No. 1/1,

For Newzen Consultants Bangalore

Asst. Executive Engineer
Project Division
BBMP Bangalore

Proprietor

NC/QC/DPD/2019-20/SS-CB6 Date: 04-07-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	27-06-19	04-07-19	07	22500	405	18.00	**18.22**
	002	"	"	"	"	410	18.22	
	003	"	"	"	"	415	18.44	

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M.E, (Civil-Engg)

Page No. 1/1,

Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

For Newzen Consultants Bangalore

Proprietor

NC/QC/DPD/2019-20/SS-CB7 **Date: 06-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	29-06-19	06-07-19	07	22500	390	17.33	**18.07**
	002	"	"	"	"	420	18.67	
	003	"	"	"	"	410	18.22	

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NC/QC/DPD/2019-20/SS-CB8 **Date: 30-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-07-19	30-07-19	07	22500	420	18.67	**18.67**
	002	"	"	"	"	415	18.44	
	003	"	"	"	"	425	18.89	

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EMAIL:newzen576@gmail.com

NC/QC/DPD/2019-20/SS-CB1a **Date: 17-06-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-05-19	17-06-19	28	22500	625	27.78	**27.78**
	002	"	"	"	"	635	28.22	
	003	"	"	"	"	615	27.33	

KIRAN. R
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NC/QC/DPD/2019-20/SS-CB2a **Date: 20-06-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-05-19	20-06-19	28	22500	630	28.00	**27.63**
	002	"	"	"	"	620	27.56	
	003	"	"	"	"	615	27.33	

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NC/QC/DPD/2019-20/SS-CB3a **Date: 09-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	11-06-19	09-07-19	28	22500	645	28.67	**27.85**
	002	"	"	"	"	615	27.33	
	003	"	"	"	"	620	27.56	

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NC/QC/DPD/2019-20/SS-CB4a **Date: 12-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	14-06-19	12-07-19	28	22500	640	28.44	**27.93**
	002	"	"	"	"	620	27.56	
	003	"	"	"	"	625	27.78	

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NC/QC/DPD/2019-20/SS-CB5a **Date: 15-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	17-06-19	15-07-19	28	22500	620	27.56	**28.07**
	002	"	"	"	"	635	28.22	
	003	"	"	"	"	640	28.44	

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NC/QC/DPD/2019-20/SS-CB6a **Date: 25-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Comprcssivc Strength (N/mm^2)	Avg. Value
1	001	27-06-19	25-07-19	28	22500	610	27.11	**27.70**
	002	"	"	"	"	635	28.22	
	003	"	"	"	"	625	27.78	

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NC/QC/DPD/2019-20/SS-CB7a **Date: 27-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	29-06-19	27-07-19	28	22500	615	27.33	**27.56**
	002	"	"	"	"	600	26.67	
	003	"	"	"	"	645	28.67	

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NC/QC/DPD/2019-20/SS-CB8a **Date: 30-07-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Construction Of U Shape Drain For Secondary SWD in Mallasandra ward No 13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Dasarahalli Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-07-19	30-07-19	28	22500	650	28.89	**28.15**
	002	"	"	"	"	620	27.56	
	003	"	"	"	"	630	28.00	

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